ELSEVIER

Journal of Magnetism and Magnetic Materials 207 (1999) 221–222

Journal of magnetism and magnetic materials

www.elsevier.com/locate/jmmm

Author index to volume 207

Awschalom, D.D., see Kortright, J.B. 7

Bader, S.D., see Kortright, J.B. 7
Bar'yakhtar, V.G., A.N. Pogorilyi, N.A. Belous and A.I. Tovstolytkin, Magnetoresistance in $La_{1-x}Sr_xMnO_{3-\delta}$ ($x = 0.15$–0.30) polycrystalline samples 118
Baran, M., see Krivoruchko, V.N. 168
Barnaś, J., see Martinek, J. L1
Bat'ko, I., see Gabáni, S. 131
Belous, N.A., see Bar'yakhtar, V.G. 118
Berkowski, M., see Krivoruchko, V.N. 168
Betz, J., K. Mackay and D. Givord, Magnetic and magnetostrictive properties of amorphous $Tb_{(1-x)}Co_x$ thin films 180
Bouzid, A., see Eddeqaqi, N.C. 209
Bułka, B.R., see Martinek, J. L1

Clatterbuck, D.M. and K.A. Gschneidner Jr., Magnetic properties of RMn_6Sn_6 (R = Tb, Ho, Er, Tm, Lu) single crystals 78
Craig, W., see Zhang, C. 121

Das, B.N., see Lee, S.K. 137
Ding, W., see Wang, L. 111
Du, Y., see Wang, L. 111

Eddeqaqi, N.C., H. Ez-Zahraouy and A. Bouzid, Phase transition of a transverse semi-infinite spin-1 Ising model with crystal field 209
Ez-Zahraouy, H., see Eddeqaqi, N.C. 209

Fert, A., see Martinek, J. L1
Flachbart, K., see Gabáni, S. 131
Fruchart, O., J.P. Nozières and D. Givord, Growth and interface magnetic anisotropy of epitaxial Mo/Fe/Mo(1 1 0) and W/Fe/W(1 1 0) ultrathin films 158

Gabáni, S., I. Bat'ko, K. Flachbart, T. Herrmannsdörfer, R. König, Y. Paderno and N. Shitsevalova, Magnetic and transport properties of TmB_{12}, ErB_{12}, HoB_{12} and DyB_{12} 131
Givord, D., see Fruchart, O. 158
Givord, D., see Betz, J. 180
Grenier, C.G., see Zhang, C. 121
Gschneidner Jr., K.A., see Clatterbuck, D.M. 78

Harris, V.G., see Lee, S.K. 137
Herrmannsdörfer, T., see Gabáni, S. 131

Idzerda, Y.U., see Kortright, J.B. 7

Kamenev, V.I., see Krivoruchko, V.N. 168
Khartsev, S.I., see Krivoruchko, V.N. 168
König, R., see Gabáni, S. 131
Kortright, J.B., D.D. Awschalom, J. Stöhr, S.D. Bader, Y.U. Idzerda, S.S.P. Parkin, I.K. Schuller and H.-C. Siegmann, Research frontiers in magnetic materials at soft X-ray synchrotron radiation facilities 7
Krivoruchko, V.N., S.I. Khartsev, A.D. Prokhorov, V.I. Kamenev, R. Szymczak, M. Baran and M. Berkowski, Transport and magnetic properties of DC-magnetron sputterred $Ln_{0.7}Mn_{1.3}O_{3-\delta}$ thin films 168

Laulicht, I. and P.E. Wigen, On the transient and stationary parametric excitation of spin waves 103
Lee, S.K., B.N. Das and V.G. Harris, Magnetic structure of single crystal $Tb_2Fe_{14}B$ 137
Li, H.S., see Zhang, C. 121
Li, J., see Wang, L. 111
Litsardakis, G., see Michelakis, C. 188
Liu, B., see Wang, L. 111

Mackay, K., see Betz, J. 180
Malaman, B., see Vernière, A. 95
Martinek, J., J. Barnaś, G. Michałek, B.R. Bułka and A. Fert, Spin effects in single-electron tunneling in magnetic junctions L1
Michałek, G., see Martinek, J. L1
Michelakis, C., D. Samaras and G. Litsardakis, A 3-D moving vectorial Preisach-type hysteresis model 188
Mohanty, R.C., see Zhang, C. 121

Nozières, J.P., see Fruchart, O. 158

0304-8853/99/$ - see front matter © 1999 Elsevier Science B.V. All rights reserved.
PII: S0304-8853(99)00770-2

Ovchinnikov, A.S., The theory of low-dimensional quantum Heisenberg singlet–triplet ferromagnet 193

Paderno, Y., see Gabáni, S. 131
Parkin, S.S.P., see Kortright, J.B. 7
Pogorilyi, A.N., see Bar'yakhtar, V.G. 118
Prokhorov, A.D., see Krivoruchko, V.N. 168

Raman, A., see Zhang, C. 121

Samaras, D., see Michelakis, C. 188
Schrefl, T., Finite elements in numerical micromagnetics. Part I: granular hard magnets 45
Schrefl, T., Finite elements in numerical micromagnetics. Part II: patterned magnetic elements 66
Schuller, I.K., see Kortright, J.B. 7
Shitsevalova, N., see Gabáni, S. 131
Siegmann, H.-C., see Kortright, J.B. 7
Socoliuc, V., Investigation of concentration and surfactant quality influence on magnetic particle agglomeration in ferrofluids from static linear dichroism experiments 146
Štöhr, J., see Kortright, J.B. 7
Szymczak, R., see Krivoruchko, V.N. 168

Tobola, J., see Vernière, A. 95
Tovstolytkin, A.I., see Bar'yakhtar, V.G. 118

Venturini, G., see Vernière, A. 95
Vernière, A., J. Tobola, G. Venturini and B. Malaman, Magnetic and electronic structures of PdMnGe compound investigated by neutron diffraction and band structure calculations 95

Wang, L., J. Li, W. Ding, T. Zhou, B. Liu, W. Zhong, J. Wu and Y. Du, Magnetoelectric transport properties of quenched polycrystalline magnetite 111
Wigen, P.E., see Laulicht, I. 103
Wu, J., see Wang, L. 111

Zhang, C., R.C. Mohanty, H.S. Li, A. Raman, C.G. Grenier and W. Craig, High coercivity and spin reorientation transition in $DyCo_{10}Mo_{2-x}V_x$ compounds 121
Zhong, W., see Wang, L. 111
Zhou, T., see Wang, L. 111

ELSEVIER

Journal of Magnetism and Magnetic Materials 207 (1999) 223

journal of magnetism and magnetic materials

www.elsevier.com/locate/jmmm

Subject index to volume 207

AC susceptibility 78
Agglomeration phenomena 146
Amorphous R–M alloys 180
Antiferromagnets 78

Band structure calculations 95
Biaxial anisotropy 180
Buildup time 103

Coercivity 121
Compensation temperature 121
Coulomb blockade L1
Crystal fields 209

DC magnetization 78
Dodecaborides 131
Domain wall energy 137
Domain wall thickness 137

Electrical resistivity 131
Electron spectroscopy 7
Epitaxial thin films 158

Ferrimagnets 78
Ferrofluids 146
Film stresses 180
Finite element method 45, 66

Grain size 118

Hysteresis modeling 188

Ising model 209

Linear dichroism 146
Low-dimensional ferromagnet 193

Magnetic anisotropy 158
Magnetic anisotropy constant 137
Magnetic domains 66, 137
Magnetic films 7
Magnetic junctions L1
Magnetic materials 111
Magnetic phase diagrams 78
Magnetic polaron 168
Magnetic properties 95, 131
Magnetic resonance 168
Magnetization hysteresis loop 121
Magnetization reversal 45, 66
Magnetoresistance 111, 118, 168
Magnetostriction 180
Magnetotransport 111
Manganite perovskites 168
Microscopy 7
Multilayers 45

Nanocomposite magnets 45
Néel temperatures 131
Nonlinear spinwaves excitation 103
Numerical micromagnetics 45, 66

Patterned magnetic elements 66
Phase transitions 209
Polarized light microscopy 137
Pulsed laser deposition 158

Quenching 111

Rare earth iron boron compounds 137
Rare earths 78

Single crystals 78, 137
Single electron transistor L1
Singlet–triplet magnet 193
Sintering temperature 118
Spin reorientation 121
Synchrotron radiation 7

Thin films 168, 180, 180
Two-modes model 103

Verwey transition 111

X-ray scattering 7
X-ray spectroscopy 7

0304-8853/99/$ - see front matter © 1999 Elsevier Science B.V. All rights reserved.
PII: S0304-8853(99)00771-4